

Abhay Krishnan K

Frontend Engineer | React.js | Next.js | TypeScript | AWS

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Professional Summary

Frontend Engineer with 1+ year of professional experience building scalable, production-grade web applications using React.js, Next.js, and TypeScript. Strong expertise in REST API integration, performance optimization, secure frontend architecture, and CI/CD workflows. Experienced in full-time and contract-based roles delivering complete features from development to deployment across e-commerce and booking platforms.

Work Experience

Thathwaa Communications

Jan 2026 – Present

Frontend Engineer (Contract)

- Leading frontend architecture and feature development for client web applications.
- Building scalable, reusable components using React.js, Next.js, and TypeScript.
- Improving performance through lazy loading, code splitting, and image optimization.
- Ensuring secure API handling and frontend security best practices.
- Collaborating with backend engineers and UI/UX designers in Agile workflow.

Sysbreeze Technologies, Calicut

Sep 2025 – Dec 2025

Frontend Developer (Contract)

- Led frontend development for a live e-commerce platform serving real customers.
- Integrated Razorpay payment gateway and secured checkout workflows.
- Implemented CDN caching and performance optimization techniques.
- Set up CI/CD pipelines using GitHub Actions to automate deployments.

Lym Data Labs, Kochi

Oct 2024 – Mar 2025

MERN Stack Developer (Full-Time)

- Developed scalable and responsive UIs using React.js, Next.js, Tailwind CSS.
- Contributed to hotel booking and car rental platforms.
- Integrated REST APIs and managed state using Zustand and React Query.
- Converted Figma designs into reusable, pixel-perfect components.

Key Projects

CareMall Online — E-commerce Platform

caremallonline.com

Tech Stack: React.js, TypeScript, Vite, Node.js, AWS

- Built complete customer-facing frontend including product listings, filters, cart, checkout, and user dashboard.
- Developed admin panel and warehouse management module.
- Integrated Razorpay payments and connected REST APIs.
- Deployed backend on AWS EC2; configured Nginx, S3, CloudFront CDN, and SSL.
- Implemented GitHub Actions CI/CD for automated deployment.

Garmin Bahrain — Official Distributor Website(Freelance)

garmin.bh

Tech Stack: Next.js, Tailwind CSS

- Developed responsive frontend with optimized performance and SEO practices.
- Implemented optimized image delivery and CDN-based caching strategy.

Car Rental Platform

hyvecarrental.com

Tech Stack: Next.js, TypeScript, Tailwind CSS

- Built booking interface with dynamic availability and calendar-based scheduling.
- Integrated Razorpay payment gateway and secure transaction handling.
- Managed complex application state using Zustand.

Technical Skills

Frontend: React.js, Next.js, TypeScript, React Native, AngularJS, Vite

Backend: Node.js, Express.js, MongoDB, MySQL, PostgreSQL

Styling/UI: Tailwind CSS, Shadcn UI, Material UI, GSAP, Bootstrap

State Management: Zustand, Redux, React Query, Axios

DevOps & Tools: Git, GitHub Actions, AWS (EC2, S3, CloudFront), Nginx, Caddy, Postman, Jira

Practices: REST APIs, Performance Optimization, Secure Frontend Development, CI/CD, Agile

Certifications

ME(A)RN Stack Development — Luminar Technolab

Education

Bachelor of Computer Applications (BCA)
Kannur University, Kerala

Nov 2020 – Mar 2023